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DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL  
NO. P-C008

APPLICATIONS SOFTWARE  
13 April 1983

COMPOSITE MAP INDEX WACIN

SYMBOLIC TITLE: CMIWACIN  
PROGRAMMER:

25X1

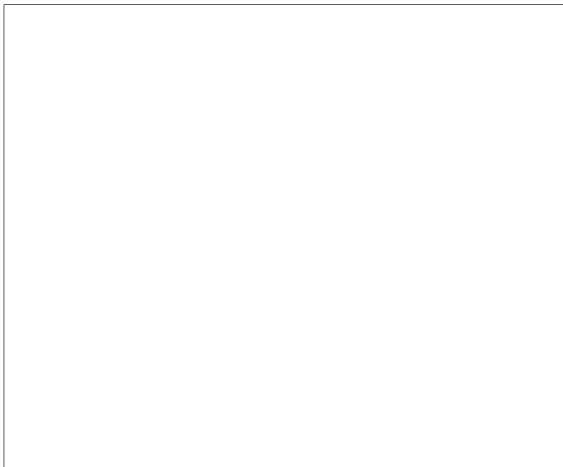
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Program CMIWACIN

Date 29 January 1982

APPROVALS

This operations manual has been reviewed and approved by the  
following persons:



25X1

23 APR 82  
(date)

4/26/82  
(date)

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**SECRET**Date 29 January 1982

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Program CMIWACIN

Date 29 January 1982

## SUMMARY

The CMIWACIN program is a COBOL program which adds a new WAC to the CMI file (EDT\*CMIMST) using updates on cards and produces a listing to be used by the Mission Analysis Branch (MAB).

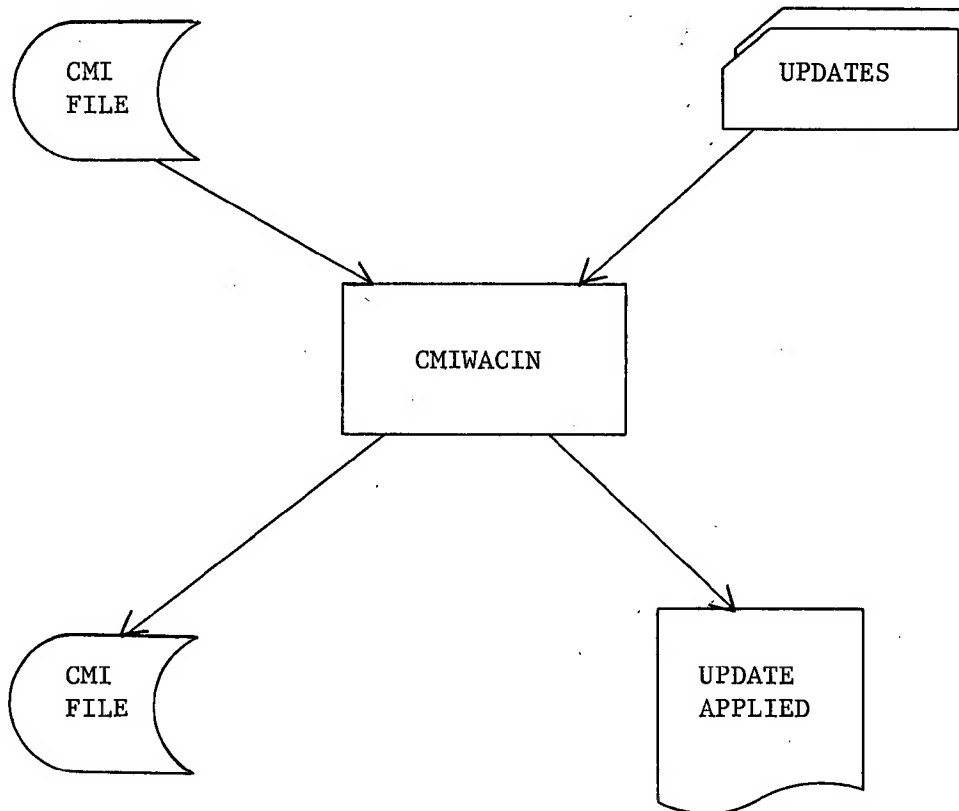
Input data for the CMIWACIN program also consists of data from the CMI Master File (a disc file formatted in the standard Edit Report format). This file contains two header sectors followed by CMI data loaded as 3-70 character records for each pair of disk sectors. The last pair of sectors contain all '9's as the data content.

The program will produce an updated CMI Master File and a listing of all valid updates.

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OPERATIONAL FLOW CHART



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**PM**

"EOF"

"RUN WACIN, 833741059/MARYAD, 9469, 5, 500

[illegible]

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## SAMPLE CARD DECK (Continued)

## CARD INPUT

1. RUN CARD
2. Delete - deletes EDT\*CMITEMP which is used as an intermediate work file
3. ASG - Assigns EDT\*CMITEMP
4. FREE - Frees EDT\*CMITEMP
5. ASG - Assigns file containing the absolute
6. COPY - Copies absolute to TPF\$
7. FREE - Frees absolute file
8. XQT - Executes program
9. DATA CARD - describes coordinate record index
10. DATA CARD - describes geographic position record
- 11-35. DATA CARDS - describing publication indication records
- 36-N. DATA CARDS - describing the additional index records
- N+1. EOF CARD - signals end of data
- N+2. COPY - copies work file into master file
- N+3. FIN CARD
- N+4. Job termination card
- N+5. Job termination card

Data Cards

## 1. Coordinate Record Index

<u>Field</u>	<u>Column</u>
Record-ID	1
Direction	2-3
Low-Lat	4-5
Left-Long	6-8
High-Lat	10-11
Direction	12
Low-Lat	13-14
Direction	15
Left-Long	16-18
Direction	19
Right-Long	20-22
Direction	23
WAC	24-27

## 2. Geographic Position Record

<u>Field</u>	<u>Column</u>
Record-ID	1
WAC	2-5
TOP-WACS	10-21
Left-WAC	22-25
Right-WAC	26-29
Bottom-WACS	30-41

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## 3. Publication Indication Records

<u>Field</u>	<u>Column</u>
Record-ID	1
WAC	2-5
Record-NUM	6-9
Map-Availability	10

## 4. Additional Index Records (A-Part)

<u>Field</u>	<u>Column</u>
Record-ID	1
WAC	2-5
9	6
Line-No	7-8
Part-Indicator	9
High-Latitude	10-13
Direction	14
Low-Latitude	15-18
Direction	19
Left-Longitude	20-24
Direction	25
Right-Longitude	26-30
Direction	31
1301	38-42
Sheet-No	43-44
AMS	45-48
1501-A	49
1501-G	50
1501-R	51
1505	52

## 5. Additional Index Records (B-Part)

<u>Field</u>	<u>Column</u>
Record-ID	1
WAC	2-5
9	6
Line-No	7-8
Part-Indicator	9
Other-Info.	10-70

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Program CMIWACIN

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HIGH-SPEED PRINTER OUTPUT

Identification: CMIWAC

Format:

Type of Form: 1471-1 pt.

Disposition: Send listing to Mission Analysis Branch (MAB)

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ON-LINE COMPUTER PROCESSING

EQUIPMENT REQUIREMENTS

Computer: UNIVAC 1100/84

Schema Used:

Storage:

Core Required -

I Bank -

D Bank -

Peripheral Devices: Printer, Console and Card Reader

Restrictions:

Files Accessed:

Files Created/Deleted:

File Size:

Approximate Number of Accesses:

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Program CMIWACIN

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NORMAL RUN INSTRUCTIONS

Initiation: Card Deck

Monitor:

Message

Cause

Operator Action

None

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## ABNORMAL RUN INSTRUCTIONS

## Messages:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
'CMI FILE NOT FOUND'	File probably rolled out	Complete rolling action and rerun the job.
'CMI FILE I/O ERROR'	Data content problem with CMI file	Call CSD/APS represen- to check file.

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STORAGE

EDT\*P\$SYM.CMIWACIN  
EDT\*P\$REL.CMIWACIN  
EDT\*P\$ABS.CMIWACIN

Source  
Relocatable  
Absolute

RUNSTREAM TO COMPILE AND MAP:

EDT\*P\$RUN.CMIWACIN/COMP

EDT\*P\$RUN.CMIWACIN/MAP

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## DATA CENTER OPERATIONS BRANCH WORK REQUEST

TO: TECHNICAL SERVICES SECTION/SB/CSD/PSG

TSS NO. (Leave blank)		COMPONENT CODE	PROJECT NO.	<b>TYPE RUN</b> <input type="checkbox"/> PRODUCTION <input type="checkbox"/> CHECKOUT <input type="checkbox"/> ATTENDED <input type="checkbox"/> KEYPUNCH <input type="checkbox"/> OTHER _____	TSS	IN		
REQUESTER		PHONE NO.	QUANTITY			OUT		
PRODUCT								
SECURITY CLASSIFICATION								
CONTROL NUMBER				<b>PROGRAM LOAD</b> <input type="checkbox"/> CONSOLE <input type="checkbox"/> CARDS	DEAD LINE	OUT		
TYPE FORM		BIND	INPUT			OUTPUT		
<input type="checkbox"/> 1471 <input type="checkbox"/> 1468 OTHER _____		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> TAPE(S) <input type="checkbox"/> CARDS <input type="checkbox"/> NONE OTHER _____			<input type="checkbox"/> TAPE(S) <input type="checkbox"/> CARDS <input type="checkbox"/> PRINTER OTHER _____		
DATA CONTROLLER		QUALITY CONTROL IN		QUALITY CONTROL OUT	COMPUTER RM. SUPERVISOR	CUST PICK UP	BADGE NO.	OUT
DATE		DATE		DATE	DATE			
BADGE NO.		BADGE NO.		BADGE NO.	BADGE NO.			

## JOB DESCRIPTION

1100/84 OPERATIONAL

- 1) Load attached CMIWACIN card deck
- 2) Save all listings and cards and return to requestor

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